

LAW OFFICES

**SHOOK, HARDY & BACON LLP**

GENEVA  
HOUSTON  
KANSAS CITY  
LONDON  
MIAMI

HAMILTON SQUARE  
600 14TH STREET, N.W., SUITE 800  
WASHINGTON, D.C. 20005-2004  
TELEPHONE (202) 783-8400 • FACSIMILE (202) 783-4211

**COPY**

NEW ORLEANS  
OVERLAND PARK  
SAN FRANCISCO  
TAMPA  
WASHINGTON, D.C.

Kerry H. Owens  
(202) 783-8400  
kowens@shb.com

January 3, 2003

**VIA FIRST CLASS MAIL**

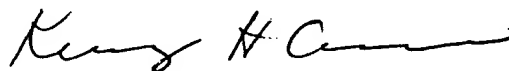
G. Roger Lee  
Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804

RE: SERVICE OF SUBMISSION OF PRIOR ART UNDER 37 C.F.R. § 1.99  
Published Pat. Appln. No.: 20020165585  
Applicant: Michael L. Dupelle et al.  
Publication Date: November 7, 2002  
Serial No.: 09/846,673  
Filed: May 1, 2001  
Title: Pulse Sensors

Dear Mr. Lee:

Pursuant to 37 C.F.R. §§ 1.99(c) and 1.248(a)(4), you are hereby served with a copy of a SUBMISSION OF PRIOR ART UNDER 37 C.F.R. § 1.99 filed with the United States Patent and Trademark Office in the above-referenced pending patent application on January 3, 2003.

Very truly yours,



Kerry H. Owens

KHO:lcb

Enclosure



3762

PATENT

*h. Paul  
1-11-03  
#6/IDS*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Published Patent 20020165585

Application No.:

Applicant: Michael L. Dupelle et al.

Publication Date: November 7, 2002

Serial No.: 09/846,673

Filed: May 1, 2001

Title: Pulse Sensors

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TECHNOLOGY CENTER R3700

CERTIFICATE UNDER 37 CFR 1.8: I hereby certify that this correspondence is being deposited with the United States Post Service, as First Class Mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on January 3, 2002.

By: *R. Cruz-Boyd*  
Name: R. Lynn Cruz-Boyd

SUBMISSION OF PRIOR ART UNDER 37 C.F.R. § 1.99

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

The prior art patents and publications listed below are submitted for consideration by the Examiner in the above-referenced pending application pursuant to 37 C.F.R. § 1.99. The listed patents and publications are believed to be relevant to the pending application. Enclosed is a copy of each patent and publication listed below. Also enclosed is the fee set forth in 37 C.F.R. § 1.17(p). This submission is being filed within two months of the publication of the pending application.

List of Patents and Publications

1. U.S. Patent No. 5,885,222, to Kassal et al., issued March 23, 1999, and claiming an effective filing date of August 30, 1993.
2. Published PCT Application No. WO9506525, to Kassal et al., published March 9, 1995.
3. U.S. Patent No. 6,440,082, to Joo et al., issued August 27, 2002, and having a filing date of September 30, 1999.

4. Published PCT Application No. WO0122885, to Joo et al., published April 5, 2001.
5. "Polymer-Based Adherent Differential-Output Sensor for Cardiac Auscultation," James Kassal et al., Medical Electronics, Vol. 25, No. 4, Issue 148, pages 54-63, September 1994.

Proof of Service

Pursuant to 37 C.F.R. §§ 1.99(c) and 1.248(a)(4), I hereby state that a copy of this submission was served upon Applicant's representative on January 3, 2003 by First Class Mail addressed as follows:

G. Roger Lee  
Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804

A copy of the service document is attached.

Consideration of the listed patents and publications during the course of examination of the pending application is respectfully requested.

Date:

01/03/03

Shook Hardy & Bacon LLP  
600 14th Street, NW  
Suite 800  
Washington DC USA 20005  
202-783-8400

By:

Kerry H. Owens

Name: Kerry H. Owens  
Reg. No.: 37,412